APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

The Information Category and Certain Problems of Development, by D.A. Gushchin, 12 pp. RUSSIAN, per, Vestnik Leningradskogo Universiteta Ekonomika, Filosofiya, Pravda, Vol. 23, No. 4, Leningrad, 1967, pp. 55-63. JPRS 45,274

Sci-Electronics and Elect. Engineering
May 68

357,614

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

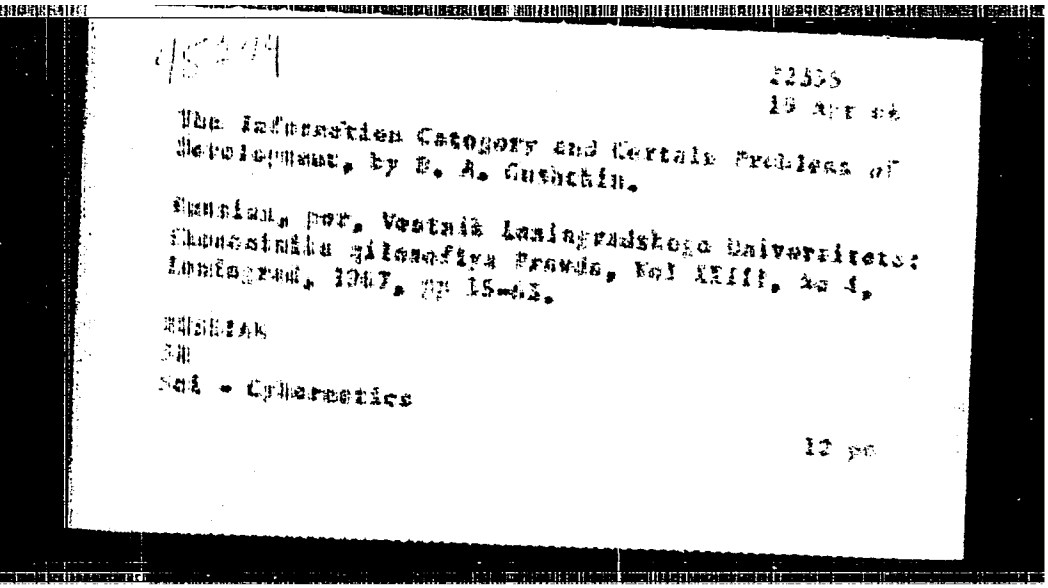
Scientific Management and Democracy, by V. A. Skubin, 10 pp.
RUSSIAN, per, Vestnik Leningradskogo Universitata -- Ekonomika, Filosofiya, Pravo, No 1, 1967, pp 141-145.
JPRS 42675

USSR
Econ
Oct 67

340,772

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



22555
19 Apr 54

The Information Category and Certain Problems of Development, by P. A. Gurchkin.

Russian, per, Vestnik Leningradskogo Universiteta: Ekonomika filosofiya pravo, Vol XII[illegible], No 1, Leningrad, 1947, pp 15-43.

Russian
SU
Sci - Cybernetics

12 pp

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Social Organization of a Socialist Society as an Object of Control, by A. K. Belykh, 18 pp. RUSSIAN, per, Vestnik Leningraskogo Univ. No 11, issue No 2 of the Economics, Philiosophy and Law Section, June 1967, pp 73-85
JPRS 43111

USSR
Soc
Nov 67

343,697

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Effect of the Thermal Treatment of Arsenic Selenides on Their Electrical Conductivity and Microhardness in the Glassy State, by R. L. Myuller, et al,
RUSSIAN, per, Vestnik Leningr. Univ. Ser. Fiz., No 22, 1964, pp 94-101.
ATS PJ-4670

Sci-Electr & Elect Engr
Apr 67

321,531

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

High Frequency Region of tho Noiso-Formation Spectrum of a Jet Stream, by V. A. Krasil'nikov, R. E. Shikhlinskaya. RUSSIAN, per, Vestnik Universitet Seriya III. Fizika Astronomiya, No 3, 1964, pp 72-81. *FTD-MT-65-568

Sci-Engr
Dec 65

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Investigation of Three-Dimensional Absorbers in the Field of a Plane Sound Wave and in a Diffused Field, by K.A. Velizhanina, L. A. Borisov.
RUSSIAN, per. Universitet. Vestnik. Seriya III Fizika, Astronomiya, No 4, 1967, pp 78-83.
FTD-S-283

Jan 69

374m247

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Higher Nervous Activity and Milk Secretion, by I. I. Grachev.

RUSSIAN, per, West Leningrad U, Ser Fiz, Vol IV, No 21, 1958, pp 110-124.

MLL NPS 2072

Sci - Med

Aug 62

204, 209

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Yanoukh, F.

RUSSIAN, per, Vest Leningrad U Ser Fiz i Khim,
Vol X, 1955, pp 135-142.

E *PL-480
OTS-63-11135
PST-893

Sci

Jan 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Decomposition of Minerals and Ores by Ammonium Salts, by P. M. Isakov.

RUSSIAN, per, Vest Leningradskogo Universiteta: Ser Fiz i Khim, No 4, 1955, pp 117-133.

Co-Op Trans Sch Tr 296
£6.16s.

Sci - Chemistry

44, 466

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Anderson, Buska, Grinberg & Saylogoska

RUSSIAN, per, Ves Len Univ. ser Fiz khim, No. 4, 1956, pp. 27-31.

*PL 480
OTS 61-11437

Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Spectrographic Analysis of Gases at Pressures Close to Atmospheric, by O. P. Bochkova, E. Ya. Shreider. USSR.

RUSSIAN, per, Vest Leningrad Univ, Ser Fiz i Khim, No 16, 1956, pp 57-63.

DSIR LEE (loan) M.443

Sci - Phys
Aug 59

94, 876

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

(NY-1529)

Influence of the Structors of Acetylenic Alpha-Glycols on Their Transformations, by E. D. Venus-Danilova, L. A. Pavlova, A. Fabritsk, 9 pp.
UNCLASSIFIED

RUSSIAN, qu per, Vest Lenin U, Ser Fiz i Khim, Vol 22, No 16, Leningrad, 1956, pp 117-125.

US JPRS/NY-L-79

Sci - Chem
May 58

62,579

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Novoselov, V. S.
SOME TOPICS ON MECHANICS OF VARIABLE MASSES TAKING INTO ACCOUNT THE INTERNAL MOTION OF PARTICLES, PT 1, [17]p 5refs.
Order from OTS, SLA, or ETC $1.60 TT-64-16392

Trans. of Leningrad U. Vestnik (USSR) 1956 [v.11] no. 19, Seriya Matematiki, Mekhaniki i Astronomii [no. 4] p. 100-113.

(Mechanics, TT, v. 12, no. 4)

TT-64-16392

I. Novoselov, V. S.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Kondrat'ev, K. Ya. and Loginova, Z. A.
ON AN INDIRECT METHOD OF DETERMINING THE TEMPERATURE OF AN UNDERLYING SURFACE ACCORDING TO THE DATA OF STANDARD ACTINOMETRIC OBSERVATIONS (O Kosvennom Metode Opredeleniya Temperatury Podstilayushcheni Poverkhnosti po Dannym Standartnykh Aktinometricheskikh Izmerenii) tr. by George S. Mitchell. Sep 61 [9]p. 9 refs.
Order from CITS or S.A $1.10 61-28766

Trans. of Leningrad U. Vestnik (USSR) 1957 [v. 12] no. 4, Seriya Fizikii i Khimii, no. 1, p. 79-84.

DESCRIPTORS: *Radioactivity, *Surfaces, *Temperature, Measuremem, Wave transmission, Climatic factors, Meteorological data, Instrumentation, Mathematical analysis.

(Earth Sciences--Meteorology, TT, v. 7, no. 10)

61-28766

I. Kondrat'ev, K. Ya.
II. Loginova, Z. A.
III. Weather Bureau, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Determination of Plasma Parameters in Inert Gases,
by Yu. M. Kagan,

RUSSIAN, per, Vestnik Leningrad U, Vol XII, No 16,
Ser Fiz i Khim, No 3, 1957, pp 41-43.

ATS RJ-2197

Sci - Physics

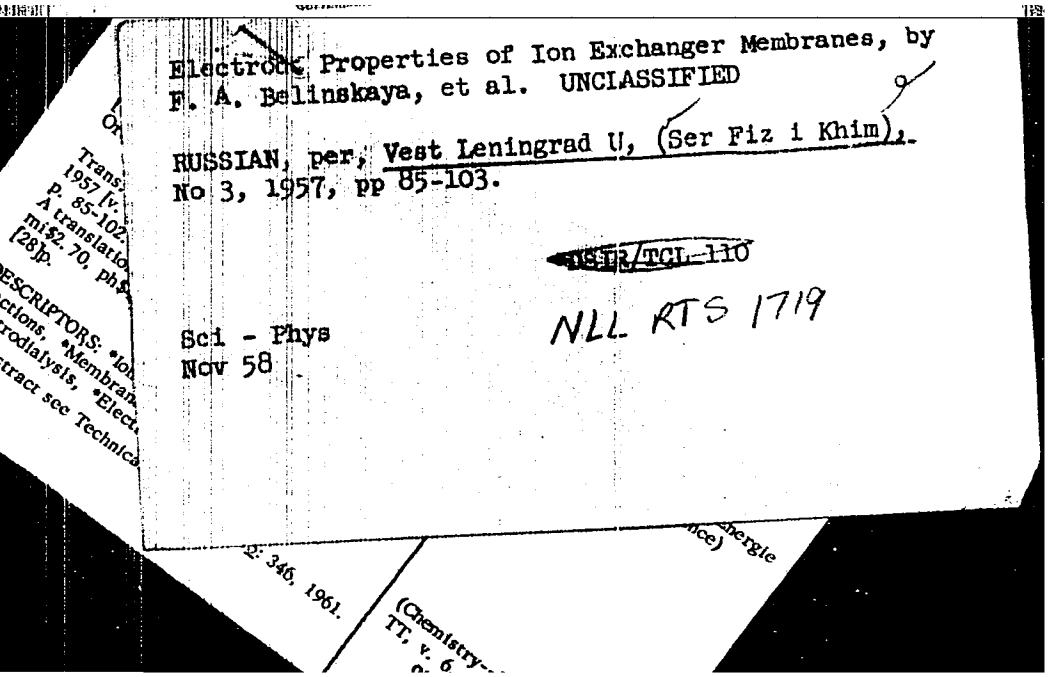
ATS-85L33R

May 60

115,457

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Electrodic Properties of Ion Exchanger Membranes, by
F. A. Belinskaya, et al. UNCLASSIFIED

RUSSIAN, per, Vest Leningrad U, (Ser Fiz i Khim),
No 3, 1957, pp 85-103.

USSR/TCL-110

NLL RTS 1719

Sci - Phys
Nov 58

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Yu. M. Kagan

Probe measurements in low pressure plasma. 25 pp.
RUSSIAN, Leningrad. Universitet. Vestnik seriya
fiziki i khimi, No 4, 1957, pp 63-78
AIR/FTD-MT-24-1974-71

oct 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Investigation of Triple Phase Equilibrium in the System Calcium Chloride-Methyl Alcohol-Water, by A. V. Storonkin, L. E. Simanavichus. URSS.

RUSSIAN, par, Vest Leningradskogo Univ: Ser Fiz i Khim, Vol XXII, 1957, pp 103-119.

DSIR LLU RTS 1167

12. 2s. 6d. anywhere

Sci - Chem
Oct 59

109,195

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Electrode Properties of Ion Exchanger Membranes, by F. A. Belinskaya, et al. UNCLASSIFIED

RUSSIAN, per, Vest Leningrad U, (Ser Fiz i Khim), No 3, 1957, pp 85-103.

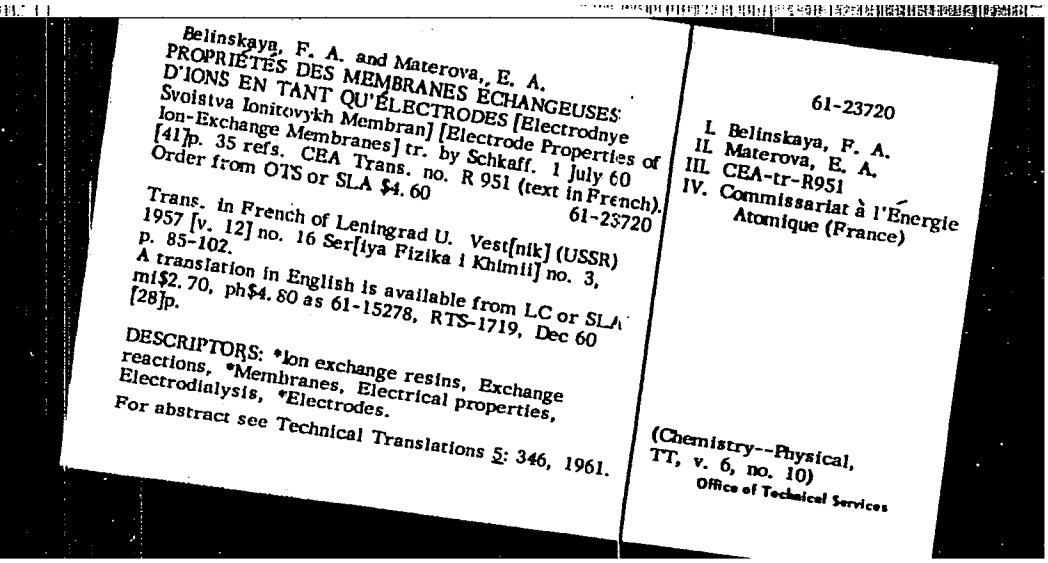
~~OSIR/TCL-110~~

Sci - Phys
Nov 58

NLL RTS 1719

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Belinskaya, F. A. and Materova, E. A.
PROPRIÉTÉS DES MEMBRANES ÉCHANGEUSES D'IONS EN TANT QU'ÉLECTRODES [Electrodnye Svoistva Ionitovykh Membran] [Electrode Properties of Ion-Exchange Membranes] tr. by Schkaff. 1 July 60 [41]p. 35 refs. CEA Trans. no. R 951 (text in French). Order from OTS or SLA $4.60 61-23720

Trans. in French of Leningrad U. Vest[nik] (USSR) 1957 [v. 12] no. 16 Ser[iya Fizika i Khimii] no. 3, p. 85-102.
A translation in English is available from LC or SLA mf$2.70, ph$4.80 as 61-15278, RTS-1719, Dec 60 [28]p.

DESCRIPTORS: *Ion exchange resins, Exchange reactions, *Membranes, Electrical properties, Electrodialysis, *Electrodes.
For abstract see Technical Translations 5: 346, 1961.

61-23720

I. Belinskaya, F. A.
II. Materova, E. A.
III. CEA-tr-R951
IV. Commissariat à l'Énergie Atomique (France)

(Chemistry--Physical, TT, v. 6, no. 10)
Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Yu. M. Kagan

Probe measurements in low pressure plasma. 25 pp.
RUSSIAN, Leningrad. Universitet. Vestnik seriya fiziki i khimi, No 4, 1957, pp 63-78
AIR/FTD-MT-24-1974-71

oct 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Investigation of Triple Phase Equilibrium in the System Calcium Chloride-Methyl Alcohol-Water, by A. V. Storonkin, L. E. Simanavichus. UNCL

RUSSIAN, per, Vest Leningradskogo Univ: Ser Fiz i Khim, Vol XXII, 1957, pp 103-119.

DSIR LLU NEB 1167

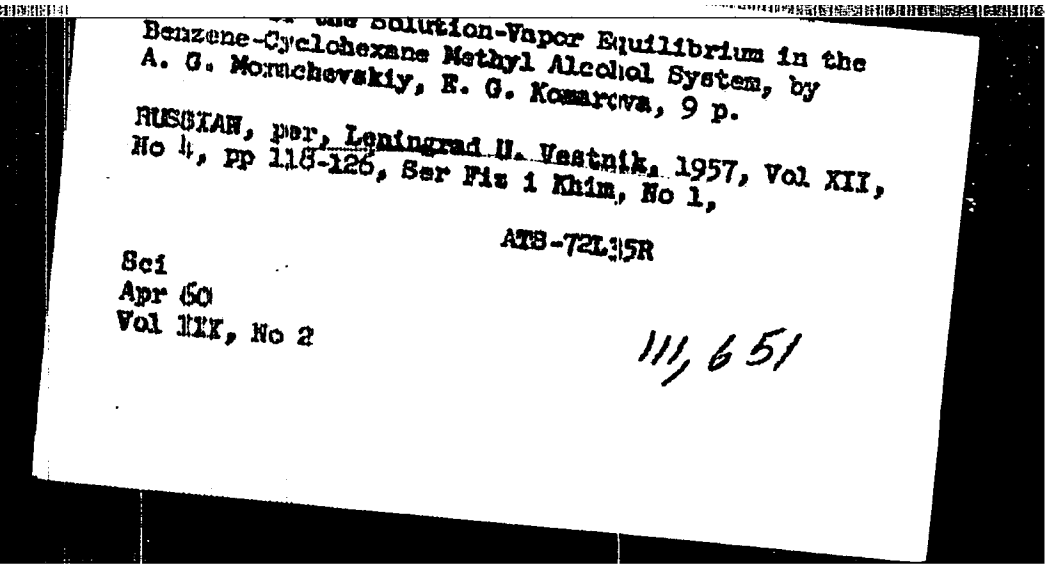
12. 2o. 64. anywhere

Sci - Chem
Oct 59

109,195

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Solution-Vapor Equilibrium in the Benzene-Cyclohexane Methyl Alcohol System, by A. G. Morachevskiy, E. G. Komarova, 9 p.

RUSSIAN, per, Leningrad U. Vestnik, 1957, Vol XII, No 4, pp 118-126, Ser Fiz i Khim, No 1,

ATS-72L35R

Sci
Apr 60
Vol XIX, No 2

111, 651

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Contribution to Mthe Separation of Uranium From Vanadium with the Help of Anionite Resins, by Yu. V. Morachevskiy, M. N. Gordeyeva, 5 p.

RUSSIAN, per, Leningrad U. Vestnik, 1957, Vol XII, No 10, [Seriya Fiziki i Khimiyi [illegible], pp 148-151.

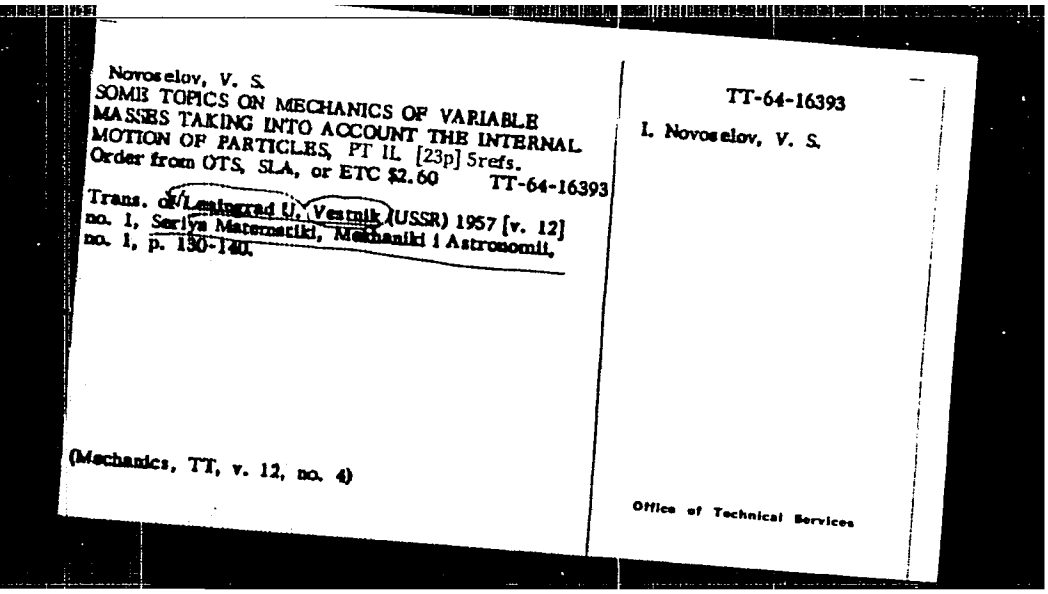
SLA 59-20790

Sci
Apr 60
Vol III, No 2

113,602

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Novoselov, V. S.
SOME TOPICS ON MECHANICS OF VARIABLE MASSES TAKING INTO ACCOUNT THE INTERNAL MOTION OF PARTICLES, PT II. [23p] 5refs.
Order from OTS, SLA, or ETC $2.60 TT-64-16393

Trans. of Leningrad U. Vestnik (USSR) 1957 [v. 12] no. 1, Seriya Matematiki, Mekhaniki i Astronomii, no. 1, p. 130-140.

(Mechanics, TT, v. 12, no. 4)

TT-64-16393

I. Novoselov, V. S.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

A Comparison of the Law of Light Reflection as Related to the Moon and to Some Rock Varieties, by N. S. Orlova, 8 pp.
RUSSIAN, per, Vest Leningrad Univ, Ser Mate Mekh i Astron, No 1, 1957, pp 152-157. 9695199
DDC RSIC-301

Sci - Earth Sci & Astron
Nov 64

AD-607 959

269,432

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

On Wing Flutter in a Gas Flow, by D. N. Gorelov, 9 pp.

RUSSIAN, per, Vest Lening Univ Seriya Matimatiki Mekhanika i Astronomi, Vol I, No 1, 1957, pp 192-196

FTD-TT-63-738

Sci - Engr
Jan 64

2-46, 402

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Questions of Stability in the Large and Regulating Properties for a Certain System of Differential Equations. I., by B. N. Skachov, 18 pp.

RUSSIAN, per, Vestnik Leningrad Univ Ser Matematiki, Mekhaniki, Astronomii, Vol XIII, No 3, 1957, pp 67-80.

Amer Math Soc

Sci - Math

Aug 63

341,561

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Theory of a Wing of Finite Span, Oscillating Harmoniously, by N. N. Polyakhov, 13 pp.
RUSSIAN, per, Vest Lening Univ, Ser Matemat Mekh i Astron, No 19, 1957, pp 87-97. 9695900
FTD-TT-64-606

Sci - Phys
Feb 65

272,803

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Shuvalov, Yu. N.
INVESTIGATION OF ELECTRON DENSITY DISTRIBUTION IN A CRYSTAL [K Issledovaniyu Raspredeleniya Elektronnoi Plotnosti v Kristalle]. [1963] 9p.
Order from ATS $8.25 ATS-80Q70R

Trans. of Leningrad U. Vestnik (USSR) 1958, v. 13, no. 4, Ser[iya] Fiz[ika] i Khim[ii] [no. 1] p. 36-44.

DESCRIPTORS: *Crystals, *Electron density.

(Physics--Solid State, TT, v. 10, no. 11)

63-22159

I. Shuvalov, Yu. N.
II. ATS-80Q70R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Collisions of [illegible] With Hydrogen Atoms, by V. I. [illegible] pp.

[illegible], per, Vest Leningrad Univ, Ser Fiz i Khim, No 1, 1958, pp 53-68. GRA 9077953

AEC-tr-4961

Sci - Nuclear Phys

Aug 61

160 ⁄ 22

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Spectroscopic Studies of the Excitation Mechanism in Hollow-Cathode Discharges in Inert Gases, by Chen-Gi-Tkhek.

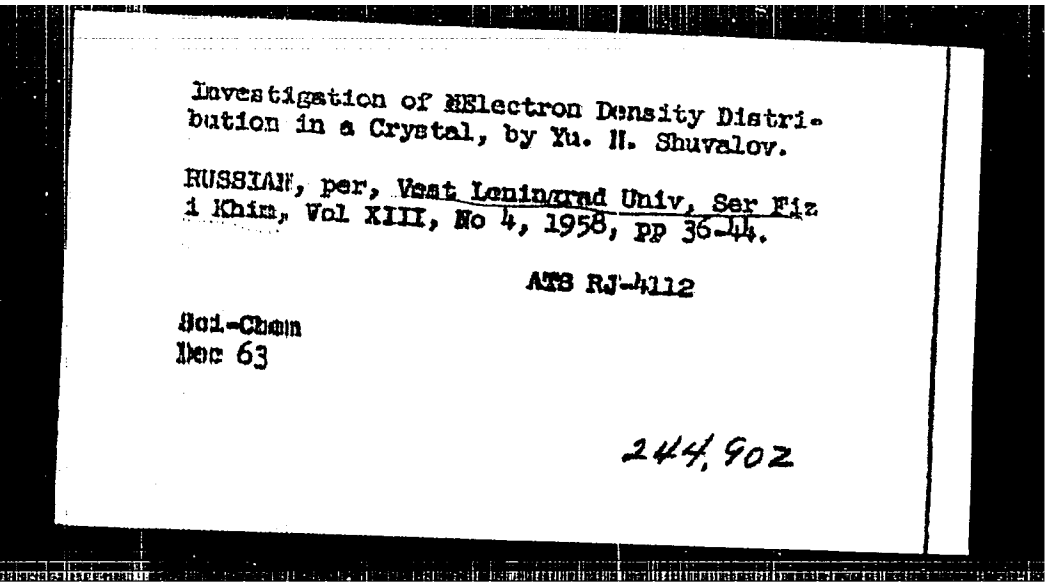
RUSSIAN, per, Vest Leningrad U Ser Fiz i Khim, No 2, 1958, pp 18-37.

Infosearch Ltd.

Sci - Phys
Sep 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Investigation of NElectron Density Distribution in a Crystal, by Yu. N. Shuvalov.

RUSSIAN, per, Vest Leningrad Univ, Ser Fiz i Khim, Vol XIII, No 4, 1958, pp 36-44.

ATS RJ-4112

Sci-Chem
Dec 63

244,902

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

The Structure of β - PbO_2, by S. S. Tolkachev.

RUSSIAN, per, Vest Leningrad Univ, Ser Fiz i Khim, Vol I, No 4, 1958, pp 152, 153.

RAE 877

Sci - Phys

Jul 60

120,021

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Shockwave Boundary Layer Interaction in the Neighborhood of the ~~M~~leading Edge of a Flat Plate at Hypersonic Speeds Taking Radiant Energy into Account, by G. A. Kulomzin, 18 pp.

RUSSIAN, pur, Vest Len U ser Math Mech, Astron Series No 7, issue 3, 1958, pp 172-188.

MDF-K-144

Sci
Nov 59

101, 148

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Rigorous Solution of Certain Boundary Problems for the Equation $\psi_{\sigma\sigma} - K(\sigma)\psi_{\sigma\sigma}$ in the Hyperbolic Band $\sigma_0 < \sigma < \sigma_1$, by R. G. Barantsev.

RUSSIAN, per, Vest Leningrad U, Ser Math, Mekh i Astron, No 19, 1958, pp 19-38.

Mar; Tr 3080/APL T-270

OTS 62-23711

Sci - Phys

Apr 62

190, 401

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

S-1600 (DC-2591).

Some Results of Observations of Mars During the Great Opposition of 1956, by V. V. Sharonov, 22 pp.

RUSSIAN, per, Vest Leningrad Universiteta, Ser Mat, Mekh i Astron, No 19, 1958, pp 187-202.

JPRS-873-D

Sci - Astronomy
Aug 59

94,768.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Kubilyus, I. P.
CONVOLUTIONS OF ARITHMETIC FUNCTIONS AND LIMIT THEOREMS FOR SUMS OF INDEPENDENT RANDOM VARIABLES [Svertki Arifmeticheskikh Funktsii i Predel'nye Teoremy dlya Summ Nezavisimykh Sluchaynykh Velichin]. [1961] [8]p. 5 refs.
Order from OTS or SLA $1.10 61-16546

Trans. of Leningrad U. Vestnik (USSR) 1959 [v. 14] no. 1 [Seriya Matematiki, Mekhaniki i Astronomii, no. 1] p. 30-33.

DESCRIPTORS: *Functional analysis, *Probability, Statistical functions, Number theory, Sequences, Series.

It is shown that the distribution of the values for the arithmetic function, obtained by means of the convolution of a large number of arithmetic functions, satis- (Mathematics, TT, v. 6, no. 9) (over)

61-16546

I. Kubilyus, I. P.

185387

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Some Problems of the Stability Investigation of Shells, by V. M. Chebanov.

RUSSIAN, per, Vestnik Leningradskogo Universiteta, Seriya Matematiki, Mekhaniki i Astronomii, No 1 (1), 1959, pp 79-93.

*FTD-MT-62-57

Sci - Engr
Oct 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Simultaneous Microdetermination of Carbon, Hydrogen and Sulfur, by E. I. Margolis, N. F. Egorova.

RUSSIAN, per, Vestnik Moskov Univ, Ser Matematiki, Mekhaniki, Astronomii, Fiziki, Khimii, Vol XIII, No 4, 1958, pp 209-213.

ATS RJ-2019

Sci - Chem

Jan 60

105681

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

On the Convergence of the Expansion of the Force Function of Gravitation of Two Bodies, by Iarov-Iarovoi, M. S.

RUSSIAN, per, Universitet Vestnik Seriia Matemat, Mekh, Astron, Fiz, Khimii, No 5, 1958, pp 63-66.

*Rand Corp

Sci-Phys
May 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Sakharov, G. D.
MÉTHODE NOUVELLE POUR L'ÉTUDE DES COMPOSÉS DE SURFACES [New Method of Investigating Surface Compounds] tr. by Orbec. 19 Oct 60 [11]p. 18 refs. CEA Trans. no. R 1017 (text in French).
Order from OTS or SLA $1.60 61-15749

Trans. in French of Moscow U. Vestnik. Seriya Matematiki, Mekhaniki, Astronomii, Fiziki, Khimii (USSR) 1959 [v. 14] no. 1, p. 145-150.

DESCRIPTORS: *Catalysis, Catalysts, Surface properties, Chemical reactions.

(Chemistry--Physical, TT, v. 6, no. 7)

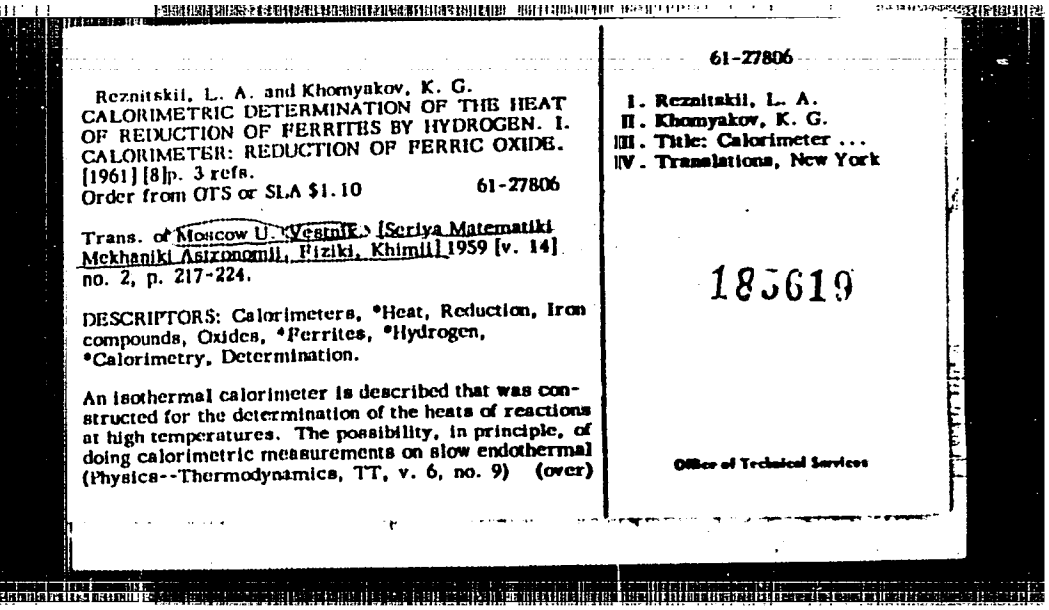
61-15749

I. Sakharov, G. D.
II. CEA-tr-R1017
III. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Reznitskii, L. A. and Khomyakov, K. G.
CALORIMETRIC DETERMINATION OF THE HEAT OF REDUCTION OF FERRITES BY HYDROGEN. I. CALORIMETER: REDUCTION OF FERRIC OXIDE.
[1961] [8]p. 3 refs.
Order from OTS or SLA $1.10 61-27806

Trans. of Moscow U. Vestnik. [Seriya Matematiki Mekhaniki Astronomii, Fiziki, Khimii] 1959 [v. 14] no. 2, p. 217-224.

DESCRIPTORS: Calorimeters, *Heat, Reduction, Iron compounds, Oxides, *Ferrites, *Hydrogen, *Calorimetry, Determination.

An isothermal calorimeter is described that was constructed for the determination of the heats of reactions at high temperatures. The possibility, in principle, of doing calorimetric measurements on slow endothermal (Physics--Thermodynamics, TT, v. 6, no. 9) (over)

61-27806

I. Reznitskii, L. A.
II. Khomyakov, K. G.
III. Title: Calorimeter ...
IV. Translations, New York

185619

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

(EY-3367).

Numerical Determination of Aerodynamic Characteristics of Certain Wings of Finite Dimensions, by S. V. Vallander, 8 pp.

RUSSIAN, per, Vest Leningrad U, No 19, Ser Matematiki Mekh i Astron, No 4, 1959, pp 106-112.

JPRS 2303

Sci - Engineering
Mar 60

110/179

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

(NY-3367).

Developable Wings, by S. V. Vellander, 10 pp.

RUSSIAN, per, Vest Leningrad U, No 19, Ser Mat, Mekh i Astron, No 4, 1959, pp 113-120.

JPRS 2304

Sci - Engr
Mar 60

110,593

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

(NY-3367).

Investigation of the Stability of the Vertical Position of a Gyroscope of Variable Mass, by V. S. Novosdlov, 12 pp.

RUSSIAN, pub, Vest Leningrad U, No 19, Ser Mat, Mekh i Astron, No 4, 1959, pp 121-129.

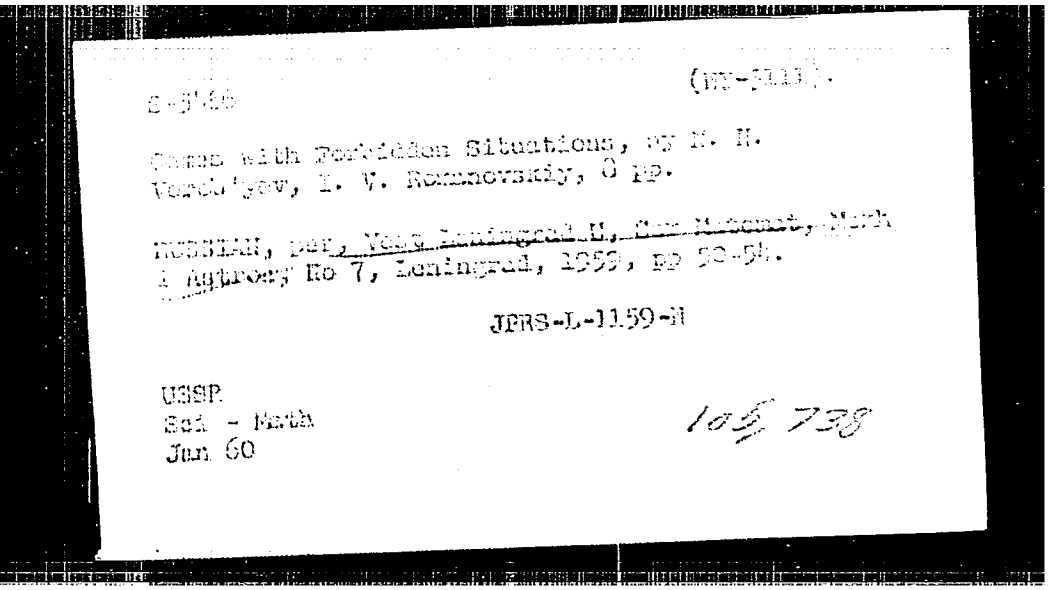
JPRS 2305

Sci - Engr
Apr 60

112, 626

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



(MS-3111).

S-5466

Cases with Forbidden Situations, by N. N. Vorob'yev, L. V. Romanovskiy, 8 pp.

RUSSIAN, per, Vest Leningrad U, Ser Matemat, Mekh i Astronom No 7, Leningrad, 1959, pp 98-94.

JPRS-L-1159-N

USSR
Sci - Math
Jun 60

105 738

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

On a Method for Obtaining Estimations of a Certain Kind for Functions Regular in the Circle, by N. A. Lebedev, G. A. Sogomonova, 17 pp.

RUSSIAN, per, Vest Lenin Un-ta, Ser Matemat, Mekh i Astron, No 13, 1959, pp 5-19.

ACSI H-6329
ID 2144841

Sci - Math

Oct 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Yakubovich, V. A.
ON NONLINEAR DIFFERENTIAL EQUATIONS OF AUTOMATIC REGULATION SYSTEMS WITH ONE CONTROL ELEMENT. [1961] [6¢]p. 19 refs.
Order from OTS or SLA $6.60 61-16547

Trans. of Leningrad U. Vestnik (USSR) 1960 [v. 15] no. 7, Seriya Matematiki, Mekhaniki i Astronomii [no. 2] p. 120-153.

DESCRIPTORS: Automatic, *Control systems, Numerical methods and procedures, Stability, *Nonlinear differential equation, Matrix algebra, Algebra, Tensor analysis.

A strict mathematical foundation is presented for the method of A. I. Lur'e (Some nonlinear problems in the theory of automatic control, Moscow, 1951;

(Engineering--Electronic, TT, v. 7, no. 5) (over)

61-16547

1. Yakubovich, V. A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

62-12580

Kurchakov, A. V.
OPTICAL PROPERTIES OF THE ATMOSPHERE AND SURFACE OF THE PLANET MARS, tr. by M. G. Scott. [1962] 5p. 12 refs.
Available in ARS Journal, v. 32, no. 3, $3.00

Trans. of Lenigrad U. Vestnik (USSR) 1960 [v. 15] no. 7 [Seriya Matematiki, Mekhaniki i Astronomii, no. 2] p. 154-163.

DESCRIPTORS: Planets, *Mars, Planetary atmospheres, Atmosphere, Surfaces, Optics, Thickness, Scattering, Brightness, Absorption.

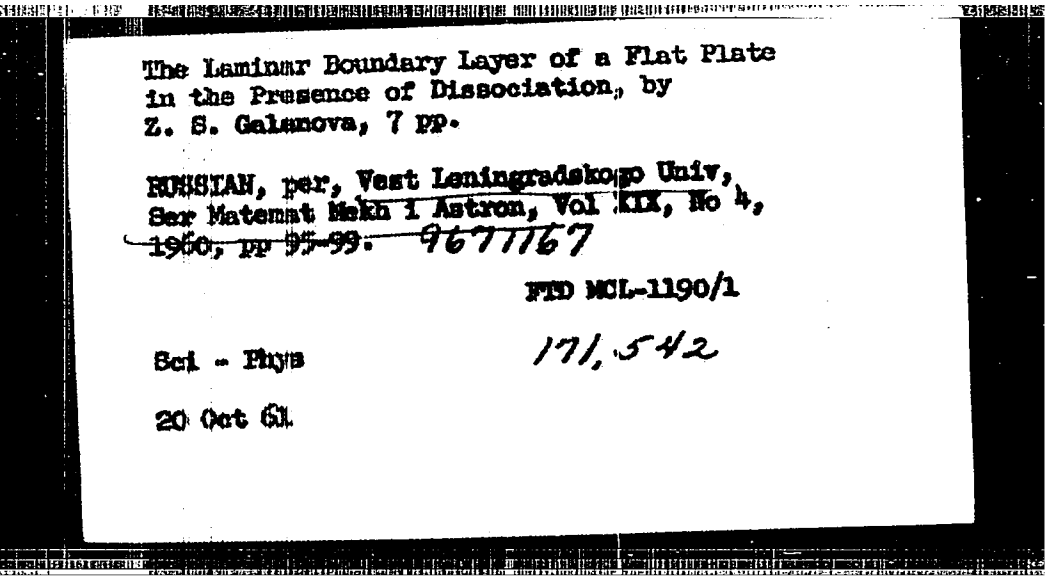
(Astronomy--Astrophysics, TT, v. 7, no. 12)

I. Kurchakov, A. V.
II. American Rocket Society, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



The Laminar Boundary Layer of a Flat Plate in the Presence of Dissociation, by Z. S. Galanova, 7 pp.

RUSSIAN, per, Vest Leningradskogo Univ, Ser Matemat Mekh i Astron, Vol XIX, No 4, 1960, pp 95-99. 9671167

FTD MCL-1190/1

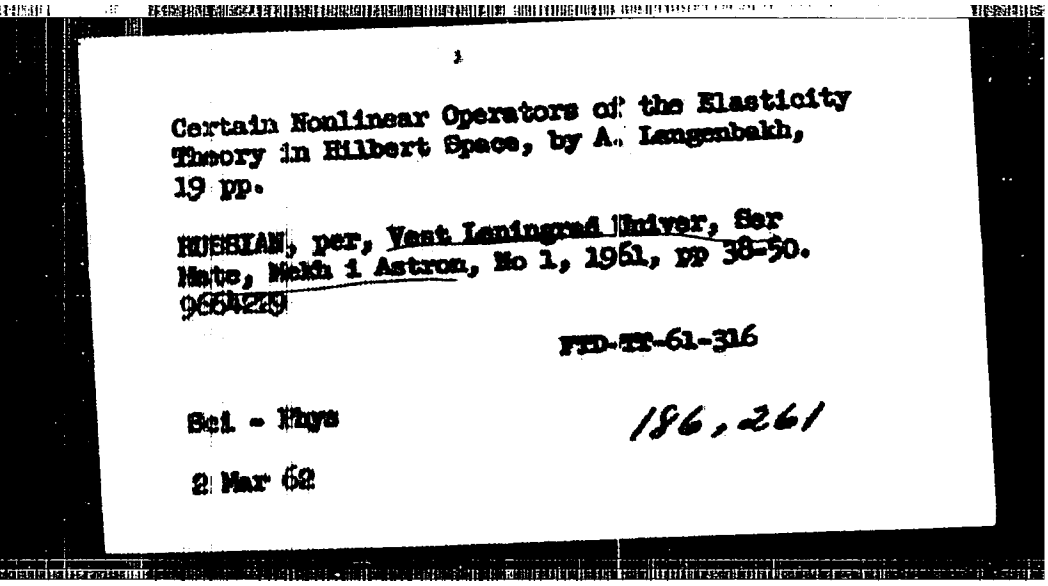
Sci - Phys

20 Oct 61

171,542

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Certain Nonlinear Operators of the Elasticity Theory in Hilbert Space, by A. Langenbakh, 19 pp.

RUSSIAN, per, Vest Leningrad Univer, Ser Mate, Mekh i Astron, No 1, 1961, pp 38-50.
9664229

FTD-TT-61-316

Sci - Phys

186,261

2 Mar 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Diffusion of Radiation in a Semi-Infinite Mdedium With Non-Isotropic Scattering, by I. N. Minin, 24 pp. RUSSIAN, per, Vest Lening Univer, Ser Mat Mekh Astron, Vol XVI, No 1, 1961, pp 133-143.

CIA/FDD XX-1495
NO FOREIGN DISSEM

Sci - Earth Sci & Astron
Mar 64
USIB Internal Use Only

252,250

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

The Motion of a Conducting Gas in a Magnetogasdynamic Generator, by O. A. Berezin, 14 pp.

RUSSIAN, per, Vest Leningrad U, Ser Mate, Mekh i Astron, Vol XIII, No 3, 1961, pp 93-102. 9671706

FTD-TT-61-104

Sci - Engr

176,092

14 Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

A NONSTEADY-STATE BOUNDARY-VALUE PROBLEM OF THE HYDRODYNAMICS OF A VISCOUS, INCOMPRESSIBLE FLUID, BY O. V. GUSEVA, 18 PP.

RUSSIAN, PER, VEST LENINGRAD UNIV, SER MATEMAT MEKH I ASTRON, NO 4, 1961, PP 122-137. 9665948

FTD-TT-62-710

SCI - ENGR
AUG 62

206,324

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Gromov, S. V.
THE QUESTION ON THE DETERMINATION OF THE GENERAL TERRESTRIAL ELLIPSOID. [1962] [11]p. 4 refs.
Order from OTS or SLA $1.60 63-10310

Trans. of Leningrad U. Vestnik (USSR) 1961 [v. 16] no. 7 [Seriya Matematiki, Mekhaniki i Astronomii, no. 2] p. 136-141.

DESCRIPTORS: Determination, *Ellipsoids, *Earth models, *Geodesics, Gravity, Acceleration, Equations, Errors.

This paper presents a resume of some of the problems involved in determination of a standard Earth model. (Author)

(Earth Sciences--Geodesy, TT, v. 9, no. 12)

63-10310

1. Gromov, S. V.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

The Flow of Dissociating Nitrogen Between Two Parallel Plates, by L. A. [illegible] Kulenen, 11 pp.

RUSSIAN, per, Vest Leningrad Univ, Ser Matemat, Mekh i Astron, No 1, 1962, pp 116-123. 9666824

FTD-TT-62-1145

216, 895

Sci - Phys
Nov 62

Solution of the Problem of Stability of a Stellar System with the Emden Density Law and Sperical Velocity Distribution, by V. A. Antonov, 33 pp.
RUSSIAN, per, Vestnik Leningrad Univ, Ser. Math., Mekh. Astron, No. 2, 1962, pp 135-146.
AEC/TPPL-Tr-1-69

Sci/Astron
Dec

398,068

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

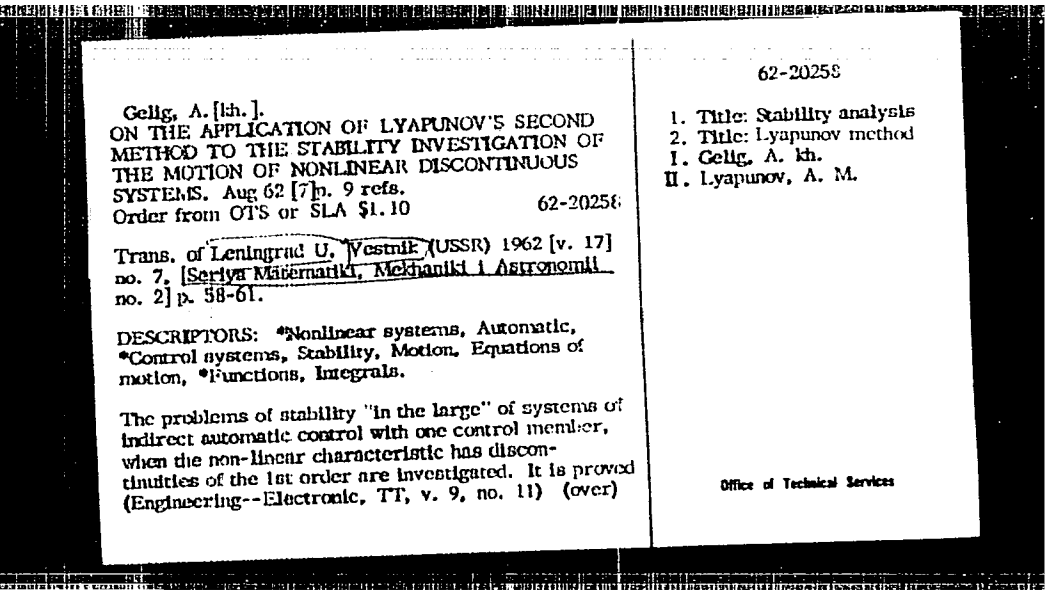
The Method of Transverse Approximation in a Hypersonic Flow, by I. I. Aleksonko, R. G. Barantsev, 31 pp.
RUSSIAN, per, Vest Leningrad Univ, Ser Mate Mekh i Astron, No 4, 1962, pp 62-78. 9699615
FTD-TT-65-1806

Sci - Elec
Feb 66

296,330

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Gelig, A. [kh.].
ON THE APPLICATION OF LYAPUNOV'S SECOND METHOD TO THE STABILITY INVESTIGATION OF THE MOTION OF NONLINEAR DISCONTINUOUS SYSTEMS. Aug 62 [7]p. 9 refs.
Order from OTS or SLA $1.10 62-20258

Trans. of Leningrad U. Vestnik (USSR) 1962 [v. 17] no. 7. [Seriya Matematiki, Mekhaniki i Astronomii no. 2] p. 58-61.

DESCRIPTORS: *Nonlinear systems, Automatic, *Control systems, Stability, Motion, Equations of motion, *Functions, Integrals.

The problems of stability "in the large" of systems of indirect automatic control with one control member, when the non-linear characteristic has discontinuities of the 1st order are investigated. It is proved (Engineering--Electronic, TT, v. 9, no. 11) (over)

62-20258

1. Title: Stability analysis
2. Title: Lyapunov method
I. Gelig, A. kh.
II. Lyapunov, A. M.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

A Conical Wing in a Supersonic Gas Flow, by
A. S. Avdonin, 17 pp.

RUSSIAN, per, Vest Leningrad Univ, Seriya Matematiki, Mekhaniki i Astron, 8 No 7, 1962, pp 62-74.
9669773
9686757

FTD-TT-63-392

Sci-Aero

Aug 63

342085

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

An Approximate Analytical Solution of the Irrotational Equations of Supersonic Flow Past Developable Wings, by I. A. Popova, 25 pp.

RUSSIAN, per, Vest Leningrad Univ, Seriya Matematiki, Mekhaniki i Astron, No 7, 1962, pp 87-104. 9669775 96 86757

FTD-TT-63-392

Sci-Aero

Aug 63

342,086

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Analytic Solution of the Problem of Supersonic Gas Flow Around a Cone, by A. S. Mikheev, 9 pp.

RUSSIAN, per, Vest Len Univ, Math Mekh Astron Ser, No 7, 1962, pp 105-112.

CIA/FDD X-5219

Sci - Physics
Sept 63
FOR OFFICIAL USE ONLY

345,278

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

An Analytical Solution to the Problem of Supersonic Gas Flow Past a Lattice of Conical Vanes. I., by N. V. Smirnov, 17 pp.

RUSSIAN, par, Vest Leningrad Univ, Seriya Matematiki, Mekhaniki i Astron, No 7, 1962, pp 105-116. 9669775
9686757
PTD-TT-63-392

Sci-Aero

Aug 63

342,087

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

On Supersonic Conical Flows With Complicated Thermodynamics, by N. V. Smirnov, 7 pp.

RUSSIAN, per, Vest Leningrad Univ Ser Mate Mekh Astron, No 7, 1962, pp 113-118.

CIA/FDD X-5197

Sci - Physics
Aug 63
FOR OFFICIAL USE ONLY

342,041

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

[redacted]
Formulating the Law of Galactic [redacted] Rotation From Radio Astronomical Observations, by T. [redacted] Agekyan, E. Klosovskaya. RUSSIAN, per, Vest Leningrad Univ Seriya Mat Mekh i Astron, No 13, 1962, pp 103-112.

CSIRO/No 6436

Sci - Earth Sci

250,145

Feb 64

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Aleksenko, L. L., Barantsev, R. G., and Panteleeva, L. N.
TRANSVERSE APPROXIMATION IN HYPERSONIC AERODYNAMICS (Metod Poperechnoi Aproksimatsii v Giperzvukovoi Aerodinamike). [1964] [20p] (foreign text included) 27refs
Order from OTS, SLA, or ETC $1.60 TT-64-10798

Trans. of Leningrad U. Vestnik (USSR) 1962 [v. 17] no. 19 [Seriya Matematiki, Mekhaniki i Astronomii] no. 4, p. 62-78.

(Mechanics--Aerodynamics, TT, v. 12, no. 2)

TT-64-10798

I. Aleksenko, L. L.
II. Barantsev, R. G.
III. Panteleeva, L. N.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Thermodynamic Investigation of the Lower Tungsten Chlorides, by S. A. Shchukarev, G. I. Novikov, K N. V. Andreyeva, 16 pp.

RUSSIAN, per, Leningrad U. Vestnik, Vol XIV, No 4, [Seriya Fizika i Khimii, No 1], 1959, pp 120-131.

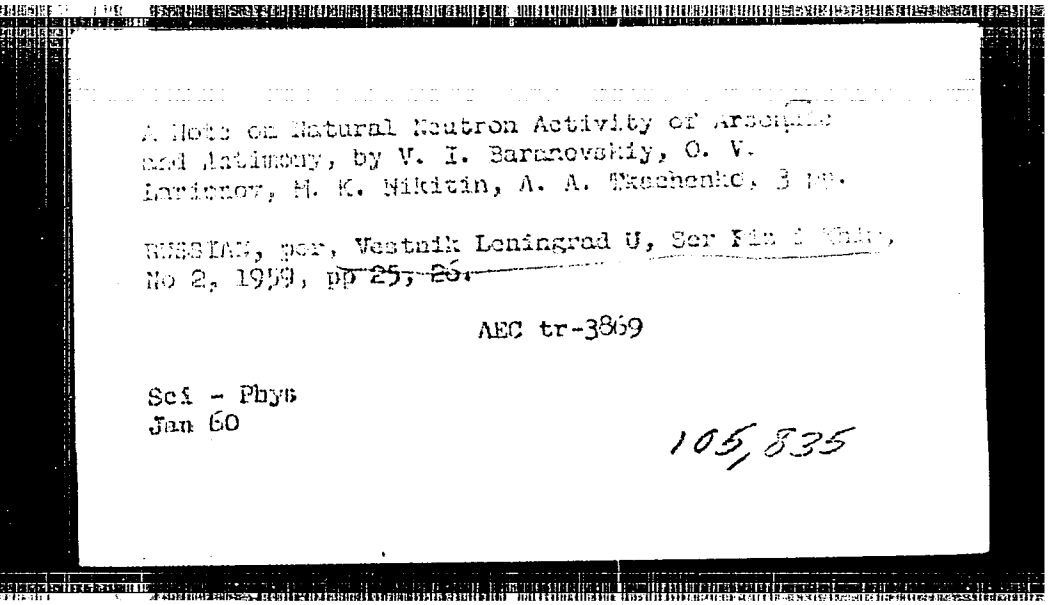
SLA 60-16770

195,984

Sci
Vol 4, No 10
May 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



A Note on Natural Neutron Activity of Arsenic and Antimony, by V. I. Baranovskiy, O. V. Lozhkov, M. K. Nikitin, A. A. Tkachenko, 3 pp.

RUSSIAN, per, Vestnik Leningrad U, Ser Fiz i Khim, No 2, 1959, pp 25, 26.

AEC tr-3869

Sci - Phys
Jan 60

105,835

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Industrial Applications of Quantitative Spectral Analysis of Inert Gases, 3 pp.

RUSSIAN, per, Vest Lenin Univ. Seriya Fiziki i Khimii, No 3, 1959, pp 19-24.

AF 1256277

105/378

USSR
Sci - Physics
Jan 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Myuller, R. L., Markova, T. P., and Repinskii, S. M.
DISSOLUTION KINETICS OF GERMANIUM IN NITRIC ACID. [1962] [27]p. 27 refs.
Order from OTS or SLA $2.60 62-14471

Trans. of Leningr[ad] U. Vestnik (USSR) 1959 [v. 14] no. 16 [Seriya Fiziki i Khimii, no. 3] p. 106-118. Another trans. is available from OTS or SLA $1.60 as 62-23096, MDF M-132 [1960] 15p.

DESCRIPTORS: *Germanium, Oxidation Solubility, *Nitric acid, Reaction kinetics.

The dependence of the dissolution rate of germanium in solutions of nitric and nitrous acids on the temperature and stirring of the solution is investigated. Conclusions are drawn in favor of limited heterogeneous chemical oxidation reactions of germanium (Chemistry--Physical, TT, v. 8, no. 10) (over)

62-14471

I. Myuller, R. L.
II. Markova, T. P.
III. Repinskii, S. M.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Heats of Reaction of CdO and $Cd(OH)_2$ With Haloid and Perchloric Acids, by S. A. Shchukarev, L. S. Lilich, et al.

RUSSIAN, per, Vest Lenin Univ, Ser Fiz i Khim, Vol XIV, No 10, 1959, pp 66-71.

SLA 60-16828

Sci
Vol IV, No 7
Apr 62

193,850

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Tracing the Time Variation of Spectrum Line Profiles In the Radiation of a Spark Discharge, by M. P. Vanyukov, B. A. Ermakov, A. A. Mak, et al, 8 pp.

RUSSIAN, per, Vest Leningradskogo Univ, Ser Fiz i Khim, No 16 (3), 1959, pp 25-32.

MDF V-149
9093217
145,025

Sci
Nov 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Shchukarev, S. A., Smirnova, E. K. and others.
THE ENTHALPY OF FORMATION OF TANTALUM PENTACHLORIDE AND PENTABROMIDE. [1962] [8]p. 17 refs.
Order from OTS or SLA $1.10 63-13400

Trans. of Leningrad U. Vestnik (USSR) 1960, v. 15, no. 16, Ser[iya] Fiz[ika] i Khim[ii] no. 3, p. 113-119.

DESCRIPTORS: Enthalpy, *Tantalum compounds, *Chlorides, Bromides, *Heat of formation, Hydrolysis, Heat of reaction.

(Physics--Thermodynamics, TT, v. 9, no. 12)

63-13400

I. Shchukarev, S. A.
II. Smirnova, E. K.
III. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Certain Questions of the Formation of [illegible]
Tetrahedral Phases, by N. A. Goryunova, 19 pp.

RUSSIAN, per, Vestnik Leningrad Univ, No 10,
Fiz-Khim, No 2, 1961, pp 112-124.

MDF C-210a
9092/69

171, 3-25

Sai
Oct 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

On the Canonic Transformation in Classical and Quantum Mechanics, by V. A. Fock, 5 pp.

RUSSIAN. per, Vestnik, Leningrad Univ., Phys. Chem. Ser., No 16(3), 1959, pp 67-70.

MDF - F-121
FDD X-4491

Sci - Electronics

Nov 60

131,841

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Investigation of Molybdenum Halides: Synthesis and Determination of the Formation Enthalpy of Molybdenu Tetrachloride, by S. A. Shchukarev, I. V. Vasil'kova B. N. Sharupin, 8 pp.

RUSSIAN, per, Vest Leningrad U., Ser Fiz i Khim, Vol XIV, No 2, 1959, pp 72-77.

SLA 60-16769

Sci

190,263

Apr 62

Vol IV, No 6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Kinetics of Germanium Dissolution in Nitric Acid, by R. L. Miuller, T. P. Markova, S. M. Repinskiy, 15 pp.

RUSSIAN, per, Vest Leningrad Univ, Ser Fiz-Khim, No 3, 1959, pp 106-118.

MDF M-132
9093003

173, 330

Sci
Nov 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Methods for the Determination of Alkoxy Groups, by I. A. Favorskaya, E. M. Auvinen.

RUSSIAN, per, Vest Leningrad Univ, Seriya Fiziki i Khimii, No 3, 1959, pp 119-127.

DSIR LLU RTS 1624

Sci - Chem

Oct 60

128,842

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Thermodynamic Investigation of the Lower Tungsten Chlorides, by S. A. Shchukarev, G. I. Novikov, M N. V. Andreyeva, 16 pp.

RUSSIAN, per, Leningrad U. Vestnik, Vol XIV, No 4, [Seriya Fizika i Khimii, No 1], 1959, pp 120-131.

SL SLA 60-16770

Sci
Vol 4, No 10
May 62
Sci

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Vasil'yev, V. V., Gedoenova, V. I., and Muratova, N. Ye.
APPLICATION OF ULTRASONICS TO THE PHASE ANALYSIS OF LEAD ORES (Primeneniye Ul'trazvuka v Fazovom Analize Svintsovykh Rud). June 61 [6]p. 18 refs. RTS 1861.
Order from OTS or SLA $1.10 61-19915

Trans. of Leningrad U. Vestnik (USSR) 1959, v. 14, no. 22, Seriya Fiziki i Khimii, no. 4, p. 146-148.

DESCRIPTORS: *Lead, *Ores, *Ultrasonics, *Solvent extraction.

An ultrasonic field is an efficient means for accelerating the selective extraction of individual minerals during phase analysis of lead ores. Judging by preliminary experiments, the use of an ultrasonic field in phase analysis of lead ores does not necessitate modifications in the normal analytical procedure. (Author)

(Metallurgy, TT, v. 6, no. 3)

61-19915

I. Vasil'yev, V. V.
II. Gedoenova, V. I.
III. Muratova, N. Ye.
IV. RTS-1861
V. Department of Scientific and Industrial Research (Gr. Brit.)

175306

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Heats of Formation of Compounds of Strontium With Elements of the Principal Subgroup of Group IV, by M. P. Morozova, Li Mao-shu, M. V. Golomolzina, 4 pp.

RUSSIAN, per, Vestnik Leningrad U., Ser Fiz i Khim, Vol XIV, No 10, 1959, pp 83-86.

SLA 60-16684

Sci

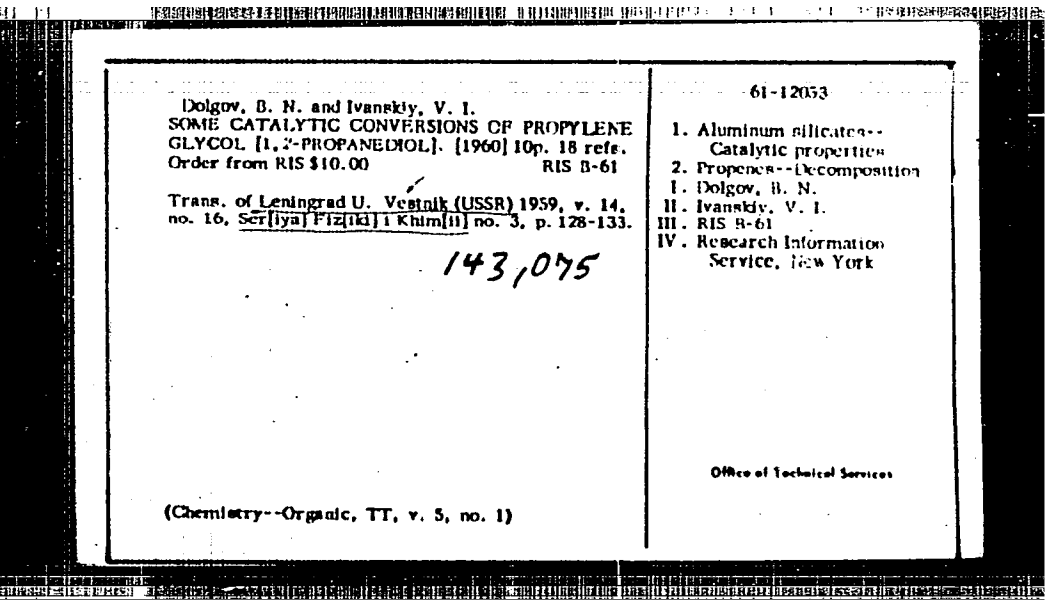
190,249

Apr 62

Vol IV, No 6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Dolgov, B. N. and Ivanskiy, V. I.
SOME CATALYTIC CONVERSIONS OF PROPYLENE GLYCOL [1,2-PROPANEDIOL]. [1960] 10p. 18 refs.
Order from RIS $10.00 RIS B-61

Trans. of Leningrad U. Vestnik (USSR) 1959, v. 14, no. 16, Ser[iya] Fiz[iki] i Khim[ii] no. 3, p. 128-133.

143,075

(Chemistry--Organic, TT, v. 5, no. 1)

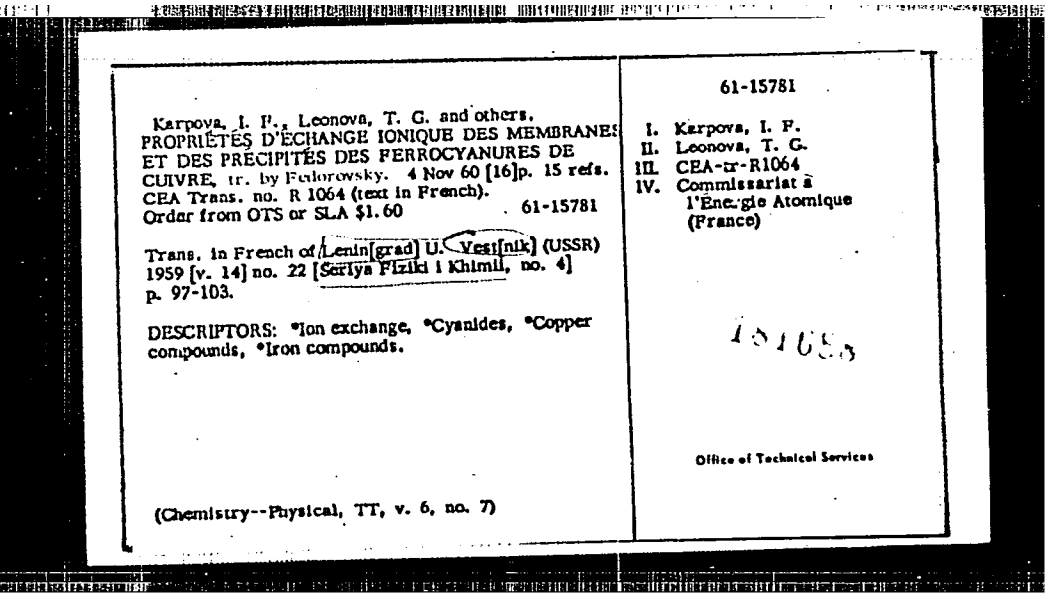
61-12053

1. Aluminum silicates--Catalytic properties
2. Propenes--Decomposition
I. Dolgov, B. N.
II. Ivanskiy, V. I.
III. RIS B-61
IV. Research Information Service, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6



Karpova, I. F., Leonova, T. G. and others.
PROPRIÉTÉS D'ÉCHANGE IONIQUE DES MEMBRANES ET DES PRÉCIPITÉS DES FERROCYANURES DE CUIVRE, tr. by Fedorovsky. 4 Nov 60 [16]p. 15 refs. CEA Trans. no. R 1064 (text in French). Order from OTS or SLA $1.60 61-15781

Trans. in French of Lenin[grad] U. Vest[nik] (USSR) 1959 [v. 14] no. 22 [Seriya Fiziki i Khimii, no. 4] p. 97-103.

DESCRIPTORS: *Ion exchange, *Cyanides, *Copper compounds, *Iron compounds.

(Chemistry--Physical, TT, v. 6, no. 7)

61-15781

I. Karpova, I. F.
II. Leonova, T. G.
III. CEA-tr-R1064
IV. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

S-165/60 (UC3523).

Simplified Method for the Calculation of Fourier Series in the Structural Investigation of Crystals, by Ye. V. Stroganov,

RUSSIAN, per, Vest Leningrad U, Ser Fiz i Khim, No 4, 1959, pp 157-158.

*JPRS

Sci - Phys

Mar 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Rate of Removal of RuO_4 From Aqueous Solutions by A Current of Air, by A. A. Goryunov, R. L. Myuller, 8 pp.

RUSSIAN, per, Vest Leningrad Univ Ser Fiz i Khim, No 2, 1960, pp 104-111.

AEC-TRG-Inf-Ser-~~390~~ 134

Sci.-NS
Jan 64

248,323

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Krylov, G. N. and Makarov, G. I.
STRUCTURE OF THE ELECTROMAGNETIC FIELD OF A VERTICAL ELECTRICAL DIPOLE AND A VERTICAL ANTENNA IN SPACE ABOVE A PLANE EARTH, tr. by B. W. Kuvshinoff, 12 Sep 62, 35p, 23 refs. APL/JHU TG 230-T331.
Order from OTS $1.00 63-11508

Trans. of Leningrad U. Vestnik (USSR) 1960 [v. 15] no. 16 [Seriya Fiziki i Khimii] no. 3, p. 42-66.

DESCRIPTORS: *Electromagnetic fields, *Electric fields, *Dipole moments, *Dipole antennas, Antennas, Antenna radiation patterns, Earth, Electrical conductance, Geophysics, Series, Integrals, Ionospheric propagation.

The exact calculation of the electromagnetic field of a vertical electrical dipole and vertical antenna over a (Physics--Wave Propagation, TT, v. 9, no. 3) (over)

63-11508

I. Krylov, G. N.
II. Makarov, G. I.
III. APL/JHU TG 230-T331
IV. Applied Physics Lab., Johns Hopkins U., Silver Spring, Md.
V. Contract NOw-62-0604-c

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

B. P. Nikol'skiy: On His 60th Birthday, 11 pp.

RUSSIAN, per, Vest Leningrad U, Ser Fiz i Khim, Vol XV, No 22, 1960, pp 5-10.

JPRS 8203

USSR

Biog

Jun 61

154577

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

(NY-5995)

The Theory of the Glass Electrode and Some Questions in the Theory of Glass, by M. M. Shul'ts, 27 pp.

RUSSIAN, per, Vest Leningrad U, Ser Fiz i Khim, Vol XV, No 22 (4), 1960, pp 40-48.

JPRS 9249

Sci - Chem

May 61

154, 430

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Kinetics of Germanium Dissolution in Acid and Base Solutions of Hydrgoen Peroxide, by EK R. L. Miuller, A. V. Danilov, T. P. Markova, et al, 10 pp.

RUSSIAN, per, Vest Leningrad Univ, Ser Fiz-Khim, No 4, 1960, pp 80-87.

MDF M-133
9093004

173,331

Sci
Nov 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Kinetics of Germanium Dissolution in Aqueous Bromine and Iodine Solutions, by R. L. Miuller, N. A. Baglai, 7 pp.

RUSSIAN, per, Vest Leningrad Univ, Ser Fiz-Khim, No 4, 1960, pp 88-94.

MDF M-134
9093005

173,332

Sci
Nov 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Electroosmosis and Passage Potential Through Double-Layer Powder Diaphragms, by K. P. Tikhomolova, 16 pp.

RUSSIAN, per, Vest Lenin Univ, Ser Fiz i Khim, Vol XV, No 4, 1960, pp 106-116. 9089614

AEC Tr-5176

Sci - Phys, Chem
Aug 62

208,435

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

All-Union Conference on the Vitreous State, No 3, by R. M. Myuller, 3 pp.

RUSSIAN, per, Vestnik Leningrad U, Ser Fiz i Khim, No 1] Vol XV, 1960, No 4, pp 144-145.

AEC-66M43
ATS/RT-2512

203,547

Sci
Jul 62

Vol 4, No 12

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Molochnov, G. V.
ELECTROMAGNETIC DIPOLE METHOD FOR DETERMINING THE DEPTH OF AN EMBEDDED LAYER OF FINITE CONDUCTIVITY (Dipol'nyi Elektromagnitnyi Metod Opredeleniya Glubiny Zaleganiya Sloya Konechnoi Provodimosti) tr. by A. Pingell. 12 Jan 62, 16p. 7 refs. N R L Trans. no. 880.
Order from OTS $0.50 62-11599

Trans. of Leningrad U. Vestnik (USSR) 1960 [v. 15] no. 10 [Seriya Fizika i Khimii, no. 2] p. 34-44.

DESCRIPTORS: *Electromagnetic fields, Magnetic moments, *Dipole moments, *Conductivity, Penetration, Dielectrics.

Formulae for the field of a vertical magnetic dipole in case of the finite conductivity of the first (upper) and second (lower) layers are developed. Displacement currents in the air are taken into consideration. The
(Physics, TT, v. 8, no. 8) (over)

62-11599

I. Molochnov, G. V.
II. NRL Trans-880
III. Naval Research Lab., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

Goryunov, A. A., Myuller, R. L., and Kapustina, L. K.
RATE OF REMOVAL OF RuO_4 FROM AQUEOUS SOLUTIONS BY A CURRENT OF AIR
A. E. Shaw, tr. 1963 [9p] 7refs TRG Information Series 134 (D).
Order from OTS, SLA, or ETC $1.10 TT-64-13148

Trans. of Leningrad U. Vestnik (USSR) 1960 [v. 15] no. 10 [Seriya Fiziki i Khimii, no. 2] p. 104-111.

(Engineering--Chemical, TT, v. 12, no. 2)

TT-64-13148

I. Goryunov, A. A.
II. Myuller, R. L.
III. Kapustina, L. K.
IV. TRG-IS-134 (D)
V. United Kingdom Atomic Energy Authority, Risley (England)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6

A Device for Studying Nuclear Quadrupole resonance in Nitrogen Compounds, by V. S. Grechishkin and I. M. Ovchinnikov.
RUSSIAN, per, Vestnik Leningradskogo Universiteta, Seriay Fiziki i Khimii, 1960, Vol 15, No 22, pp 126-129.
NLL RTS 2617 (On Loan or Purchase)
CFSTI # 64-19922-on Loan
Aug 65 286,999

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300890066-6